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Total Number of Pages in This Submission 5

Application Number	10/727,705
Filing Date	December 3, 2003
First Named Inventor	Arlynn W. Smith
Art Unit	2878
Examiner Name	
Attorney Docket No.	ITDE-PNV114

**ENCLOSURES (Check all that apply)**

- |   |  |  |
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| <input type="checkbox"/> Fee Transmittal Form<br><input type="checkbox"/> Fee Attached<br><br><input type="checkbox"/> Amendment/Reply<br><input type="checkbox"/> After Final<br><input type="checkbox"/> Affidavits/Declaration(s)<br><br><input type="checkbox"/> Extension of Time Request<br><br><input type="checkbox"/> Express Abandonment Request<br><br><input checked="" type="checkbox"/> Information Disclosure Statement<br><br><input type="checkbox"/> Certified Copy of Priority Document(s)<br><br><input type="checkbox"/> Response to Missing Parts/<br>Incomplete Application<br><br><input type="checkbox"/> Response to Missing Parts under<br>37 CFR 1.52 or 1.53 | <input type="checkbox"/> Drawing(s)<br><br><input type="checkbox"/> Licensing-related Papers<br><br><input type="checkbox"/> Petition<br><br><input type="checkbox"/> Petition to Convert to a<br>Provisional Application<br><br><input type="checkbox"/> Power of Attorney, Revocation,<br>Change of Correspondence<br>Address<br><br><input type="checkbox"/> Terminal Disclaimer<br><br><input type="checkbox"/> Request for Refund<br><br><input type="checkbox"/> CD, Number of CD(s) _____ | <input type="checkbox"/> After Allowance Communication<br>to Group<br><br><input type="checkbox"/> Appeal Communication to Board<br>of Appeals and Interferences<br><br><input type="checkbox"/> Appeal Communication to Group<br>(Appeal Notice, Brief, Reply<br>Brief)<br><br><input type="checkbox"/> Proprietary Information<br><br><input type="checkbox"/> Status Letter<br><br><input checked="" type="checkbox"/> Other Enclosure(s) (please<br>identify below): PTO-1449; 8<br>Articles and Post Card |
|---|--|--|

**Remarks:****SIGNATURE OF APPLICANT, ATTORNEY OR AGENT**

Firm or Individual Name	Jack J. Jankovitz	Registration No. (Attorney/Agent)	42,690
Signature			
Date	May 12, 2004		

**CERTIFICATE OF TRANSMISSION / MAILING**

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Typed or printed name	Jack J. Jankovitz		
Signature		Date	May 12, 2004

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Office, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, ALEXANDRIA, VA 22313-1450.

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**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

App. No: 10/727,705  
Applicant: Arlynn W. Smith  
Filed: December 3, 2003  
Title: SURFACE STRUCTURES FOR HALO REDUCTION IN ELECTRON  
BOMBARDED DEVICES  
TC/A.U.: 2878

**INFORMATION DISCLOSURE STATEMENT**

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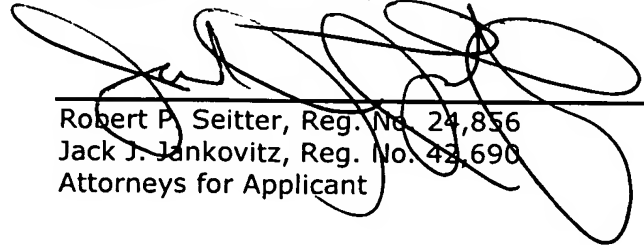
Pursuant to 37 C.F.R. §§ 1.97 and 1.98 and to the duty of disclosure set forth in 37 C.F.R. § 1.56, the Examiner in charge of the above-identified application is requested to consider and make of record the references listed on the PTO 1449 (RP) submitted herewith. A copy of each of the listed articles are enclosed.

Although the information submitted herewith may be "material" to the Examiner's consideration of the subject application, this submission is not intended to constitute an admission that such information is "prior art" as to the claimed invention.

In accordance with 37 C.F.R. § 1.97(g), the filing of this Information Disclosure Statement shall not be construed to mean that a search has been made.

This Information Disclosure Statement is being filed within three months of the filing date of the above-referenced application or before mailing of the first Official Action. No first Official Action has yet been received and it is presumed that none has yet been mailed. No fee or statement is required. 37 C.F.R. § 1.97(b).

Respectfully submitted,



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Robert P. Seitter, Reg. No. 24,856  
Jack J. Jankovitz, Reg. No. 42,690  
Attorneys for Applicant

JJJ/mc

Enclosures: PTO Form 1449  
(8) References  
Transmittal Form

Dated: May 12, 2004

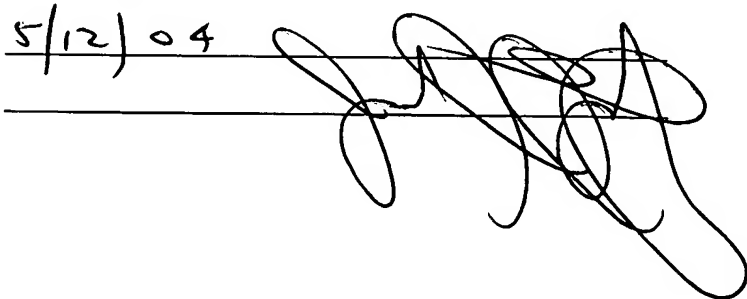
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Substitute for Form 1449B/PTO

# **INFORMATION DISCLOSURE STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

SHEET 2 of 2

Complete if Known

Application Number	10/727,705
Filing Date	December 3, 2003
First Named Inventor	Arlynn W. Smith
Art Unit	2878
Examiner Name	
Attorney Docket No.	ITDE-PNV114

## **NON-PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T <sup>2</sup>
	1	A.W. Smith et al.; "A new texturing geometry for producing high efficiency solar cells with no antireflection coatings", Solar Energy Materials and Solar Cells, Vol. 29, pps. 51-65, 1993	<input type="checkbox"/>
	2	J. Freeman et al., "Hybrid photodiode crosstalk due to backscattered electrons", Nucl. Instr. and Meth. Phys. Res. A (NIMA), Vol. 474, pps. 143-150, 2001	<input type="checkbox"/>
	3	G. Williams Jr. et al., "Electron bombarded back illuminated CCD sensor for low light level imaging applications", Proceedings of SPIE, Vol. 2415, pps. 211-235, 1995	<input type="checkbox"/>
	4	F. Andoh et al., "Development of a novel image intensifier of an amplified metal-oxide-semiconductor imager overlaid with electron bombardment amorphous silicon", IEEE Trans. Elec. Dev., Vol. 45, pps. 778-784, 1998	<input type="checkbox"/>
	5	T.A. Yost et al., "Large area, high speed phototube with a GaAsP photocathode and GaAs metal-semiconductor-metal anode", IEEE, pps. 90-92, 1998	<input type="checkbox"/>
	6	W. van Roosbroeck, "Theory of the yield and Fano factor of electron-hole pairs generated in semiconductors by high-energy particles", Phys. Rev., Vol. 139, pps. A1703-1716, 1965	<input type="checkbox"/>
	7	E.J. Bender, "Present image intensifier tube structures", in Electro-Optical Imaging: System Performance and Modelling, L.M. Biberman, SPIE Press, Bellingham, Washington, 2000	<input type="checkbox"/>
	8	A.W. Smith et al., "Ray tracing analysis of the inverted pyramid texturing geometry for high efficiency silicon solar cells," Solar Energy Materials and Solar Cells, Vol. 29, pps. 37-49, 1993	<input type="checkbox"/>
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Examiner Signature		Date Considered	
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

<sup>1</sup>Applicant's unique citation designation number (optional).

<sup>2</sup>Applicant is to place a check mark here if English language translation is attached.

The collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 120 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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